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March 22, 2004

Attorney Docket No.: 09712-213002

## Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Presented for filing is a new continuation patent application of:

Applicant: PETER J. DE GROOT AND XAVIER COLONNA DE LEGA

Title: MEASUREMENT OF COMPLEX SURFACE SHAPES USING A  
SPHERICAL WAVEFRONT

The prior application is assigned of record to Zygo Corporation,  
a Delaware corporation, by virtue of an assignment submitted to the Patent and  
Trademark Office and recorded on August 29, 2002 at 013268/0095.

Enclosed are the following papers, including those required to receive a filing date  
under 37 CFR §1.53(b):

|               | <u>Pages</u> |
|---------------|--------------|
| Specification | 23           |
| Claims        | 12           |
| Abstract      | 1            |
| Declaration   | 2            |
| Drawing(s)    | 25           |

### Enclosures:

- Form PTO-1449, 4 pages, listing documents cited in the parent application(s). Please confirm that these have been considered in this application by returning a copy of the Form PTO-1449 with the examiner's initials.
- Preliminary amendment, 5 pages.
- Postcard.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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Date of Deposit

16711 U.S. PTO  
032204

Frederick P. Fish  
1855-1930

W.K. Richardson  
1859-1951



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This application is a continuation (and claims the benefit of priority under 35 USC 120) of U.S. application serial no. 10/190,353, filed July 3, 2002, which claims priority under 35 U.S.C. § 119(e) to Provisional Patent Application No. 60/329,627, filed October 16, 2001. The disclosure of the prior applications are considered part of (and are incorporated by reference in) the disclosure of this application.

|  |       |
|--|-------|
| Basic filing fee                             | \$770 |
| Total claims in excess of 20 times \$18      | \$0   |
| Independent claims in excess of 3 times \$86 | \$0   |
| Fee for multiple dependent claims            | \$0   |
| Total filing fee:                            | \$770 |

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

26161

PTO Customer Number

Respectfully submitted,



Marc M. Wefers\* for  
David L. Feigenbaum  
Reg. No. 30,378

\*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).

DLF/czc  
Enclosures